

METHOD AND APPARATUS FOR EVALUATION OF CONTRAST AGENT
UPTAKE BASED ON DERIVED PARAMETRIC IMAGES

Abstract of the Disclosure

5 A magnetic resonance imaging (MRI) apparatus
(10) acquires a plurality of parametric images (60) with
at least one varying imaging parameter. A parametric map
(62) is constructed from the plurality of parametric
images (60). At least one pilot parameter (64) is
10 identified from at least the parametric map (62). The at
least one identified pilot parameter (64) includes at
least a volume of interest for a diagnostic image. A
contrast agent (54) is administered to the patient (18).
The identified volume of interest is imaged during influx
of the administered contrast agent (54) into the
15 identified volume of interest. The imaging uses the at
least one identified pilot parameter (64).